CLAIMS

1. A plug for a connector arrangement consisting of a plug and an associated mating plug, comprising:

a housing which has at least one axial receiver for an optical fiber;

a protective device movably mounted in the housing for protecting the optical fiber;

the protective device being a slide which can be moved axially to the receiver and has an aperture for the optical fiber and/or the receiver.

2. The plug according to claim 1, wherein the movement direction of the slide corresponds to a plug-in direction in which the plug and mating plug are connected to one another.

3. The plug according to claim 1 wherein the slide is arranged in a starting position in front of the front end of the receiver in an unmated state and the front end of the receiver projects through the aperture in a mated state of the connector arrangement.

4. The plug according to claim 1, wherein the slide is produced as a part separate from the housing which can be inserted into the housing.

5. The plug according to claim 1, wherein the slide is designed in the shape of a trough with a front end and side walls and guide elements which extend from the front end in the direction of the housing.

6. The plug according to claim 1, wherein the housing comprises two or more axial receivers for a plurality of optical fibers, wherein one optical fiber respectively can be arranged in each receiver.

7. The plug according to claim 1, wherein a locking device which restricts movement of the slide in such a way that the protective function of the slide is retained if the plug is not connected to the mating plug.

8. The plug according to claim 7, wherein the locking device is released upon a connection to the mating plug to release the axial movement of the slide.

9. The plug according to claim 7 wherein the locking device comprises a locking projection which rests against a housing projection, so that the projections can be moved toward one another to release the locking.

10. The plug according to claim 7 wherein the locking device or the housing contain a part which extends obliquely to the movement direction of the slide and which converts the movement of the mating plug upon connection into a movement to release the lock.

11. The plug according to claim 3, further comprising a return device which returns the slide into the slide starting position upon detachment of the mating plug from the plug.

12. The plug according to claim 11, wherein the return device comprises a latch which is arranged on the slide and

rests with a correspondingly shaped projection on the mating plug when the connector arrangement is detached.

Document Exhibit